



# United States Department of the Interior

GEOLOGICAL SURVEY

*R. Bailey*  
Rec 4/28/86  
In NEWCRU 4/28

86005

## MEMORANDUM

Date: April 25, 1986

From: Brad Butman

Subject: R/V Asterias Cruise

To: Cruise Distribution

Dates: 28 and 29 April (or first two good weather days that week)

Departure: 0630 - 4/28. Pick-up Larson and Newell at Sandwich boat basin.

Purpose: Recovery of two tripods, and three subsurface moorings in Cape Cod Bay.

Personnel: Butman, Strahle, Larson, Newell, Moody, Zeeb and Spencer

Locations:	Site E	41	58.62	70	24.21	4/28
	Site B	41	54.62	70	13.59	4/29

This is a joint project with Dave Aubrey at WHOI funded by Sea Grant and Massachusetts Office of Coastal Zone Management, designed to investigate sediment movement at two potential dredge spoil disposal areas in Cape Cod Bay.

Cruise Report  
R/V Asterias  
April 28-30, 1986

Received 5/2/86  
JN ADMIN

Vessel:

R/V Asterias 86-2?

Date of Operation:

April 28-30, 1986

Personnel:

John Moody,	USGS	Legs 2 and 3
Bill Strahle,	USGS	Legs 1, 2, and 3
John Larson,	USGS	Legs 1, 2, and 3
Joe Newell,	USGS	Legs 1, 2, and 3
Wayne Spencer,	WHOI	Legs 2 and 3
Peter Zeeb,	WHOI	Legs 2 and 3

Narrative:

Leg 1: April 28

1300 EDT Lv WHOI dock for Vineyard Sound  
1418 Mooring #308 on deck  
1510 Arrive WHOI dock

Leg 2: April 29

0645 EDT Lv WHOI dock for site E in Cape Cod Bay  
0900 Pick-up Larson, Newell and Moody at Sandwich boat basin  
1020 Arrive site E  
1100 Wave gauge on board  
1225 On station at site E after fixing malfunctioning release equipment.  
1250 Tripod #306 on deck, subsurface disabled  
1345 Arrive Plymouth Harbor to recover Aubrey TDR  
1354 Divers in water  
1400 Divers up with tide gauge instrument (TDR)  
1403 Depart for Sandwich boat basin  
1545 Drop off Moody, Newell and Larson at Sandwich boat basin  
1800 Arrive WHOI dock and unload

Leg 3: April 30

0730 EDT Lv WHOI dock  
1000 Arrive Sandwich boat basin and pick-up Larson and Newell  
1110 Arrive site E  
1125 Mooring #307 on deck and underway to site B  
1223 Arrive site B  
1240 Tripod #305 on deck and underway to Sandwich  
1410 Newell and Larson dropped off at Sandwich boat basin  
1645 Arrive WHOI dock and unload

Tabulated Information:

Days at sea:	1.0
Subsurface moorings recovered:	2
Tripods recovered:	2
Wave gauge recovered:	1
Tide gauge recovered:	1